

About DevOps Training and Certification Course

[HACH Technologies](#) DevOps accreditation preparing will enable you to pick up the required range of abilities for finding a DevOps Engineer line of work. It will make you capable in DevOps abilities like Continuous Integration, Delivery and Deployment, Infrastructure as a Code and all the more utilizing DevOps apparatuses like Git, SVN, Docker, Docker Swarm, Kubernetes, Puppet, Ansible, Selenium, Maven, Nagios, and so on.

What will you realize in this DevOps preparing on the web affirmation?

HACH Technologies DevOps accreditation preparing has been structured remembering the most recent industry needs. You will be prepared on the accompanying ranges of abilities which have been curated dependent on sets of responsibilities posted by organizations searching for DevOps Engineers. In this course, you will gain proficiency with the accompanying perspectives:

- In-profundity information of DevOps system
- Implementing Software Version Control
- Containerizing Code on generation utilizing Docker
- Creating CI/CD Pipelines utilizing Jenkins
- Configuration Management utilizing Puppet and Ansible
- Automating manufacture and test utilizing Selenium and Maven
- Container Orchestration utilizing Kubernetes
- Performance Tuning and Monitoring utilizing Nagios

DevOps Certification Projects

What ventures I will take a shot at this DevOps confirmation preparing?

In this [DevOps](#) venture you will be acquainted with the DevOps pipeline demo in different industry areas like media, money, medicinal tasks and the sky is the limit from there. You will get hands-on involvement in Docker containerization by conveying Jenkins, working with combination tests in DevOps, Project Reports and account application design.

Venture 1 : Containerizing different systems and NGINX Application utilizing Docker.

Industry : General

Issue Statement : How to coordinate the product undertakings sent in assorted situations utilizing Docker.

Points : In this Docker venture you will containerize the product running in various condition like Node.Js, MongoDB, NGINX, and ASP.NET. You will first arrangement these structures and the NGINX application on Docker holder and after that run them on the individual compartments.

Features

Venture 2: Using Git for variant control and following of programming.

Industry : Internet related

Issue Statement : How to guarantee the progressions on the site made by different engineers is executed.

Subjects : In this task you will take a shot at organizing crafted by numerous engineers making changes to the site of an online pet's store. You will concentrate on source code the executives, making a vault on Git for every one of the codes made by different engineers, Next, we check the status of the code, carry it to organizing, at that point submit it, and view its status in log all inside the Git storehouse.

Features

Task 3 : Automating the IT framework of an organization

Industry : Information Technology

Issue proclamation: How to accelerate the setting up and design of a product apparatus of an association utilizing Puppet

Points: In this undertaking you will take a shot at introducing Word Press alongside its conditions like Apache, PHP, MySQL and others. You will convey the Puppet arrangement the executives instrument, handle the framework like it was code, and computerize the whole work process utilizing Puppet to take care of business quicker and better.

Features

Venture 4 : Automating WordPress application utilizing Kubernetes

Industry : General

Issue Statement : How to robotize the organization of WordPress with MySQL with expanding remaining tasks at hand

Themes : In this venture you will deal with the organization of WordPress with MySQL which is very testing with expanding outstanding tasks at hand. So, in request to mechanize the entire procedure, you will arrangement the Kubeadm and Kubectl in your framework and send the WordPress application alongside MySQL utilizing Kubernetes.

Features

Venture 5 : Implementing a HAProxy server with Docker

Industry : Information Technology

Issue Statement : How to guarantee the HAProxy server is run utilizing a Docker compartment

Subjects : In this DevOps venture you will make holders utilizing Docker. The Docker form content will have a code for every compartment independently, different holders are associated with each other, scaling up and downsizing of the web holders is finished. You will compose codes for Redis, Load Balancer, and the web and go along with them later.

Features:

Undertaking 6 : DevOps Continuous Integration

Industry: General

Issue Statement: Maintaining a condition of use utilizing Playbook/Cookbook and utilizing CI apparatus to run intermittent occupations

Subjects: In this DevOps venture you will initially compose a Playbook/Cookbook/Module for keeping up an application and afterward utilizing a Continuous Integration or organization device to run employments on them occasionally. You will convey constant mix with Software Configuration Management. You would then be able to have the upside of any sending device/coordination operator on server.

Features

Venture 7: Deployment of LAMP and WordPress utilizing Ansible

Industry: Open Source Website

Issue Statement: How to get a WordPress site running by introducing LAMP stack utilizing Ansible

Portrayal: You will computerize the sending of a LAMP stack and introduce WordPress. Light represents Linux, Apache (a Web server), MySQL (a database) and PHP (server-side scripting). It is an innovation stack on which you can convey distinctive Web applications. Likewise, design the establishment of WordPress, which is free and open source programming for making sites and websites. Play out every one of these activities utilizing Ansible.

Features:

Task 8 : Provision EC2 Virtual Machine with Ansible

Industry: Cloud Computing

Issue Statement: How to dispatch a Virtual Machine with AWS EC2

Points: In this Project you will arrangement your EC2 Virtual Machine utilizing Ansible, introduce Ansible and run playbooks physically on your nearby machine to arrangement a Virtual Machine for more consistency and to place some rationale into EC2 parameters.

Features:

- **Preparing the AWS EC2 VM**
- **Preparing Ansible Playbook**
- **Running the Playbook.**

